



Dangerously Cold Air Returns

January 24, 2022
3:49 PM

Wind chills -25 to -40°F tonight - Tuesday morning

Key Messages

- Arctic Air Mass continues through Wednesday morning.
- Wind chills will deteriorate through the evening into early Tuesday morning.
- ◆ Wind Chill Warning = -35° or colder
- ◆ Wind Chill Advisory = -25 to -35°
- Very cold wind chills continue through Wednesday morning.

NEW

Important Updates

- Wind Chill Warnings Expanded
- Advisories through Wednesday morning.

Next Scheduled Briefing

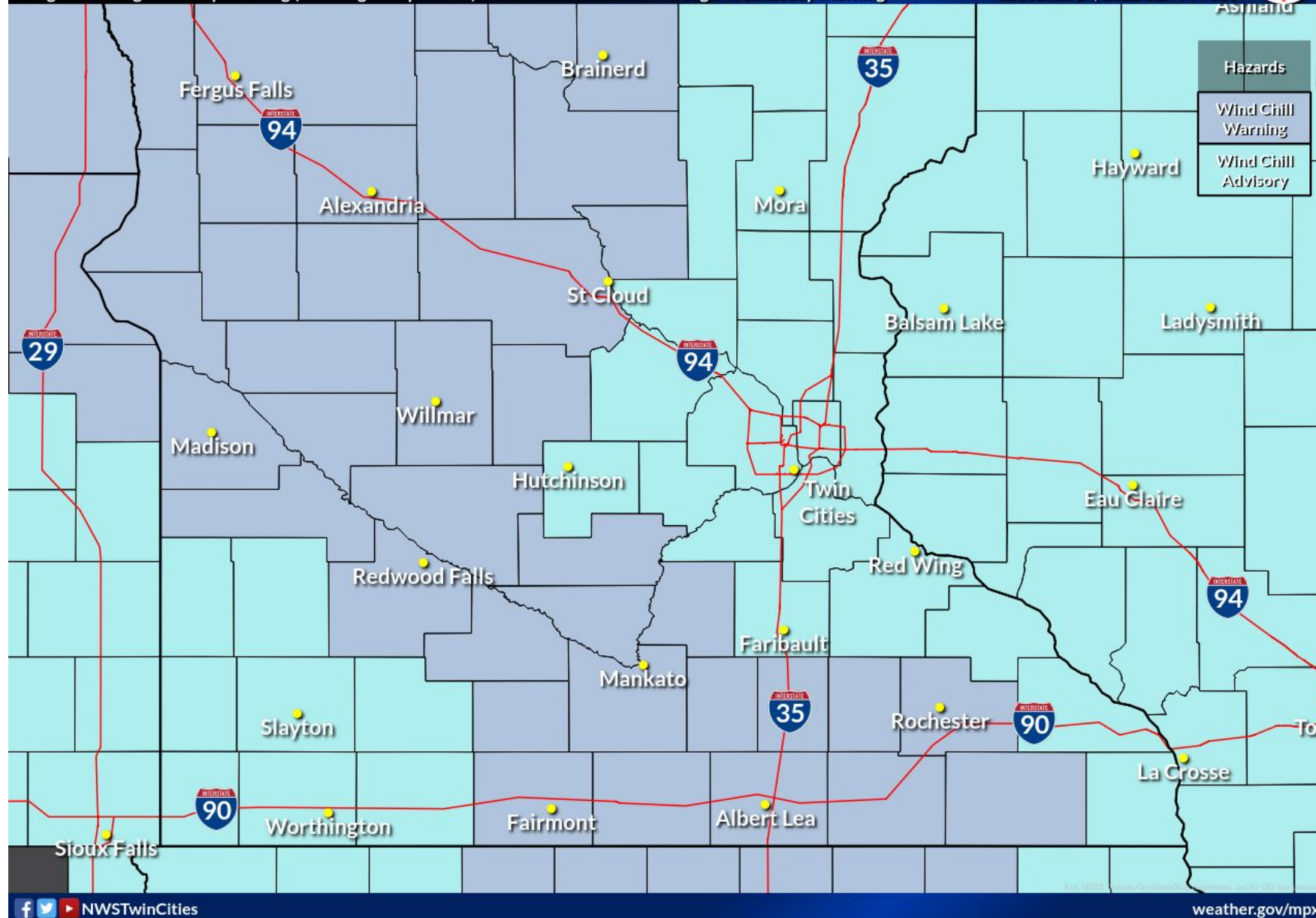
- Tuesday morning, or earlier if necessary.

Wind Chill Warnings and Advisories

Tonight - Through Tuesday Morning (Warnings Only - 9 AM) Wind Chill Advisories Through Wednesday Morning

Weather Forecast Office
Twin Cities/Chanhassen, MN

Issued Jan 24, 2022 3:24 PM CST



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U.S. Department of Commerce

National Weather Service
Twin Cities, MN



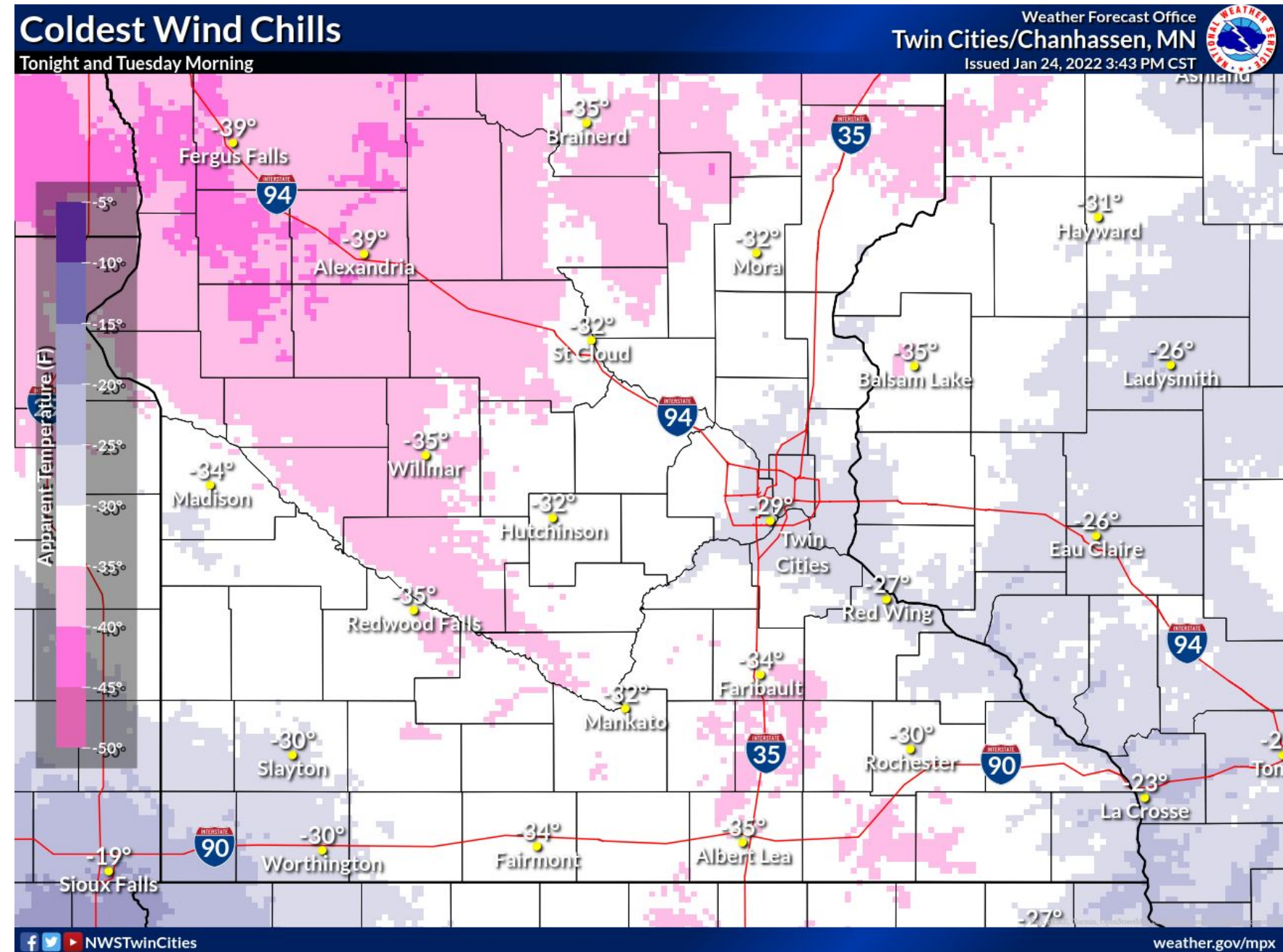
Coldest Wind Chills

January 24, 2022
3:49 PM

Tonight and Tuesday morning

Key Messages

- Low temperatures generally -15 to -20.
- Northwest winds around 10 mph.
- Wind chills around -40 across west central MN, with -25 to -35 elsewhere.
- Wind Chill Warning west central, southwest, south central MN
Wind Chill Advisory elsewhere.



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Twin Cities, MN



Coldest Wind Chills

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Tuesday night and Wednesday morning

Key Messages

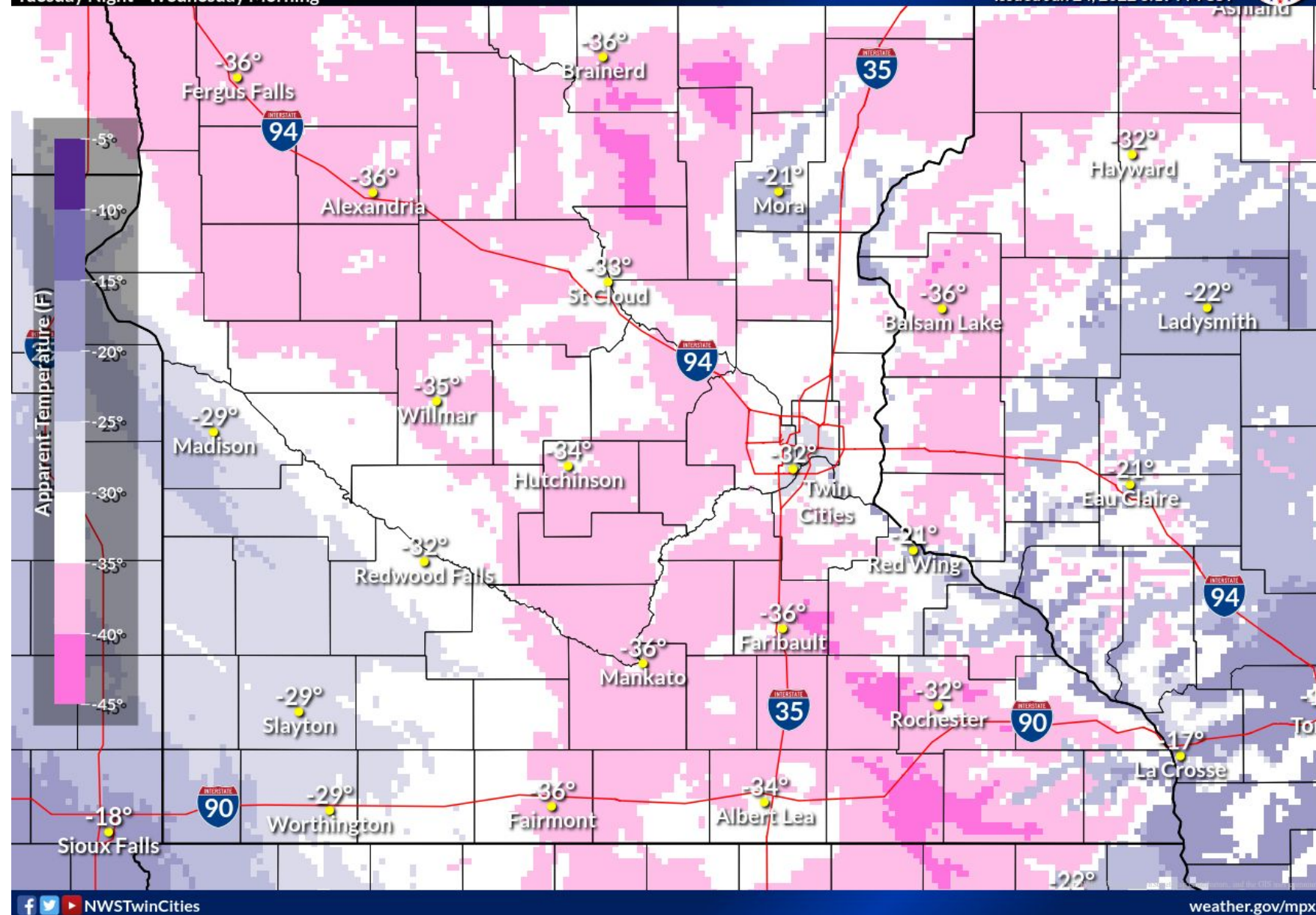
- Low temperatures generally -20 to -25.
- Northwest winds shifting southwest around 5 mph.
- Wind chills -25 to -35.
- Wind Chill Advisory area wide.

Coldest Wind Chills

Tuesday Night - Wednesday Morning

Weather Forecast Office
Twin Cities/Chanhassen, MN

Issued Jan 24, 2022 3:19 PM CST



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Wind Chill Timeline Through Thu

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Minimum Wind Chill Forecast

	1/25 Tue				1/26 Wed				1/27 Thu		Minimum
	12am CST	6am CST	12pm CST	6pm CST	12am CST	6am CST	12pm CST	6pm CST	12am CST	6am CST	
Albert Lea	-34	-36	-26	-31	-32	-34	-16	-3	7	6	-36
Alexandria	-39	-40	-32	-34	-36	-34	-7	10	6	-9	-40
Eau Claire	-25	-27	-21	-20	-19	-29	-12	-3	5	10	-29
Mankato	-30	-31	-24	-27	-34	-31	-10	5	14	11	-34
Minneapolis	-27	-30	-22	-24	-29	-29	-11	6	14	7	-30
Red Wing	-26	-29	-21	-19	-18	-26	-13	-2	10	7	-29
Rice Lake	-29	-31	-22	-23	-29	-32	-17	-5	6	4	-32
Saint Cloud	-31	-34	-25	-22	-32	-34	-11	9	12	-1	-34
Saint Paul	-27	-29	-22	-20	-26	-27	-10	4	14	7	-29
Willmar	-35	-35	-28	-32	-33	-33	-3	12	11	-3	-35



NO WIND

The Science of Wind Chill



WINDY

98.6°F

Average temperature of the human body

Under calm conditions, the body radiates heat, creating a layer of warmth between our skin and the cold surroundings.

95°F

Hypothermia begins when our body temperature drops two to four degrees

But when it's windy, the moving air breaks up this insulating layer. It speeds up heat loss by whisking away the warmth from our skin.

Heat is moved away from our bodies.



weather.gov/winter



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